PTO/SB/08a (05-03) (AW 07/03)
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Substitute for Form 1449A/PTO		Complete if Known
	Application Number	To be Assigned
INFORMATION DISCLOSURE	Filing Date	Herewith
STATEMENT BY APPLICANT	First Named Inventor	Kevin K. Lehmann et. al.
(Use as many sheets as necessary)	Art Unit	Unknown
	Examiner Name	Not Yet Assigned
SHEET 1 of 4	Attorney Oocket No.	PRU-103US

			U.S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2 (If known)</sup>	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
X	<u> </u>	US-1,719,443	07/02/1929	Nitchterlein	Entire Document
7		US-3,402,364	09/17/1968	De Lang	Entire Document
		US-3,711,788	01/16/1973	Forkner	Entire Document
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		US-4,525,034	06/25/1985	Simmons	Entire Document
		US-5,578,793	03/25/1986	Kane et. al.	Entire Document
		US-4,677,639	06/30/1987	Sasser	Entire Document
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		US-5,267,548	01/04/1994	Margalith	Entire Document
		US-5,463,493	10/31/1995	Shah	Entire Document
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		US-5,528,040	06/18/1996	Lehmann	Entire Document
		US-5,532,493	07/02/1996	Hale et. al.	Entire Document
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_7		US-5,912,740	6/15/1999	Zare et. al.	Entire Document
XI.		US-5,973,864	10/26/1999	Lehmann et. al.	Entire Document

		FOREIGN PA	TENT DOCUMEN	TS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5 (If known)</sup>	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
8		63013386	01/20/1988	Japan (Abstract Only)	Entire Document	0
	I	DE19814575	10/07/1999	Germany	Entire Document	
No		W093/07469	04/15/1993	PCT	Entire Document	
X		EP 1195582	04/10/2002	EPO	Entire Document	吕
Examiner Signature				Date Considered	5/30/06	

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

¹See Kind Codes of USPTO Patent Documents at <a href="https://www.usoto.gov">https://www.usoto.gov</a> or MPEP 901.04.

¹Senter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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SHEET 2 of 4	Attorney Docket No.	PRY-103US	

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X	<del>                                     </del>	US-6,097,555	08/01/2000	Lehmann et. al.	Entire Document		
- 58		US-6,172,823	01/09/2001	Lehmann et. al.	Entire Document		
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Examiner Initials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	(MM-DD-YYYY)	Document	Figures Appear	76
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		Application Number	To be Assigned	_
	INFORMATION DISCLOSURE	Filing Date	Herewith	
	STATEMENT BY APPLICANT	First Named Inventor	Kevin K. Lehmann et. al.	
	(Use as many sheets as necessary)	Art Unit	Unknown	
	•	Examiner Name	Not Yet Assigned	
$\bigcup$	SHEET 3 of 4	Attorney Docket No.	PRU-103US	J

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T2
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X		Dmitriev AL, Yanson Z, Xinyu M. "Optical-fiber passive ring resonator in a low-mode radiation- prepogration regime." J. Opt. Technol. 67:219-221 (2000).	T

Date

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Examiner Signature

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Applicant's unique citation designation number (optional).

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Substitute for Form 1449B/PTO	Complete if Known		
	Application Number	To be Assigned	
INFORMATION DISCLOSURE	Filing Date	Herewith	
STATEMENT BY APPLICANT	First Named Inventor	Kevin K. Lehmann et. al.	
(Use as many sheets as necessary)	Art Unit	Unknown	
	Examiner Name	Noy Yet Assigned	
SHEET 4 of 4	Attorney Docket No.	PRU-103US	

		NON-PATENT LITERATURE DOCUMENTS				
Examiner Cite Initials* No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				
8		Blair S, Chen Y. "Resonant-enhanced evanscent-wave flourescence biosensing with cylindrical optical cavities." <i>Applied Optics.</i> 0: 570-582 (2001).				
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7	•	Francisco J. Arregui et. al., "Optical Fiber Strain Gauge Based on a Tapered Singlel-Mode Fiber," pages 90-96, July 26, 1999, Sensors and Actuators 70 (2000).				
	1	Shankar, PM; Bobb, LC; Krumboltz, HD. "Coupling of modes in bent biconically tapered single-mode fibers." Journal of Lightwave Technology, 9 (7): 832-837 July 1991.				
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Examiner Signature		Date Considered 5/30/06				

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stitute for Form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

	Complete if Known				
Application Number	10/644,137				
Filing Date	08/20/2003				
First Named Inventor	Kevin K. Lehmann				
Art Unit	2878				
Examiner Name	Don J. Williams				
Attorney Docket No.	PRU-103US				

			U.S. PATENT D	OCUMENTS	
Examiner	Cite	Document Number	Issue/ Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.1	Number - Kind Code <sup>2 (If known)</sup>	(MM-DD-YYYY)	Applicant of Cited Document	Figures Appear
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9		US-5,637,865 A	06/10/1997	Bullat et al.	
		US-4,725,728 A	02/16/1988	Brininstool et al.	
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\$		US-2003/007715 A1	01/09/2003	Loock et al.	
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	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5 (If known)</sup>		Applicant of Cited Document		16
75		JP 61258131 (English Abstract)	11/15/1986	Uesugi Minoru		
Examiner Signature				Date Considered	1 5/54/06	

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<sup>&</sup>lt;sup>2</sup>See Kind Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04.

<sup>&</sup>lt;sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

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\*for Japanese patent documents, the indication of the year of the region of the Emperor must precede the serial number of the patent document.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 2 of 2

Complete if Known		
Application Number	10/844,137	
Filing Date	08/20/2003	·
First Named Inventor	Kevin K. Lehmann	
Art Unit	2878	
Examiner Name	Don J. Williams	
Attorney Docket No.	PRU-103US	

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8		OGAWA ET AL.; Stabilisation of Stokes oscillation in Brillouin ring amplification system for strain measurement; Electronics Letters, February 4, 1999, Vol. 35, No. 3, pp. 231-233	
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\$		International Search Report for PCT Application No. PCT/US2004/025755 mailed 02/03/2005	
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SHEET 1 of 2

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Filing Date	August 20, 2003			
First Named Inventor	Kevin K. Lehmann			
Art Unit	2877			
Examiner Name				
Attorney Docket No.	PRU-103US			

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<sup>\*</sup>Kind of document by the appropriate symbols as indicated on the document under WIVO standard \$1.15 if possible.

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The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 2 of 2

	Complete if Known		
Application Number	10/844,137		
Filing Date	August 20, 2003		
First Named Inventor	Kevin K. Lehmann		
Art Unit	2877		
Examiner Name			
Attorney Docket No.	PRU-103US		

NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²		
8		LERBER VON T. ET AL.; Cavity-ring-down principle for fiber-optic resonators: experimental realization of bending loss and evanescent-field sensing; Applied Optics, OSA, Optical Society of America, Washington, DC, US, Vol. 41, No. 18, June 20, 2002, pages 3567-3575.			
8		International Search Report for PCT International Application No. PCT/US2005/046160 mailed April 28, 2006.			
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Examiner Signature		Date			

considered. Include copy of this form with next communication to Applicant.

Applicant's unique citation designation number (optional).

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not dilation is in conformance with MPEP 609. Draw line through dilation if not in conformance and not considered. Include copy of this form with next communication to Applicant.